

0390
0308

#2



ENTERED

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,934

DATE: 03/04/2002

TIME: 14:24:23

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\03042002\J076934.raw

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4 <110> APPLICANT: O'Hara Jr., Richard
5      Nagelin, Ann Marie
7 <120> TITLE OF INVENTION: AGENTS THAT SPECIFICALLY BLOCK
8      CD28-MEDIATED SIGNALING AND USES THEREFOR
11 <130> FILE REFERENCE: GNN-028
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/076,934
C--> 13 <141> CURRENT FILING DATE: 2002-02-19
13 <150> PRIOR APPLICATION NUMBER: 60/269,756
14 <151> PRIOR FILING DATE: 2001-02-16
16 <160> NUMBER OF SEQ ID NOS: 2
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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21 <211> LENGTH: 3803
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
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27 ttgagtgcct tgatcatgtg ccctaagggg atggtggcgg tgggtggggc cgtggatgac 120
28 ggagactctc aggccttggc aggtgcgtct ttcagttccc ctcacacttc gggttcctcg 180
29 gggaggagg gctggaaccc tagcccatcg tcaggacaaa gatgctcagg ctgctcttgg 240
30 ctctcaactt attcccttca attcaagtaa caggaaacaa gattttgggtg aagcagtcgc 300
31 ccatgcttgt agcgtacgac aatgcgggtc accttagctg caagtattcc tacaatctct 360
32 tctcaaggga gttccgggca tcccttcaca aaggactgga tagtgctgtg gaagtctgtg 420
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42 cgccatctcc agccggccac ctcaggcccc tgttgggcca ccaatgccaa tttttctcga 1020
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44 tgtgacaggc caagtcttac agtgccatgg cccacattcc aacttaccat gtacttagtg 1140
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51 tgaccaaatg agggatttgg tcaaatgagg gattccctca aagcaatatc aggtaaacca 1560
52 agttgctttc ctactccct gtcatgagac ttcagtgtta atgttcacaa tatactttcg 1620

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53 aaagaataaa atagttctcc tacatgaaga aagaatatgt caggaaataa ggtcacttta 1680
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55 actttgggag gccgagggtg gcagatcact tgagatcagg accagcctgg tcaagatggt 1800
56 gaaactccgt ctgtactaaa aatacaaaat ttagcttggc ctggtggcag gcacctgtaa 1860
57 tcccagctgc ccaggaggct gaggcattgag aatcgcttga acctggcagg cggaggttgc 1920
58 agtgagccga gatagtgcc aagctctcca gcctgggcca cagagtgaga ctccatctca 1980
59 aacaacaaca acaacaaca caacaacaac aaaccacaaa attatttgag tactgtgaag 2040
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61 tttcagggtt gcacagttgg tctctttaat gtcggtgtgg agatccaaag tgggttgtgg 2160
62 aaagagcgtc cataggagaa gtgagaatac tgtgaaaagg gatgttagca ttcattagag 2220
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67 attttggaat gtgtcttttg aagagagcat cagagttctt aagggactgg gtaaggcctg 2520
68 accctgaaat gacctggat atttttctac ctacagtttg agtcaactag aatatgcctg 2580
69 gggaccttga agaatgccct tcagtggccc tcaccatttg ttcattgctc agttaattca 2640
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85 gggaaagtccg ttttcaactat tagtatgaac caagaaatgg ttcaaaaaca gtggtaggag 3600
86 caatgctttc atagtttcag atatggtagt tatgaagaaa acaatgtcat ttgctgctat 3660
87 tattgtaaga gtcttataat taatggtact cctataattt ttgattgtga gctcacctat 3720
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92 <211> LENGTH: 219
93 <212> TYPE: PRT
94 <213> ORGANISM: Homo sapiens
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98 1 5 10 15
99 Thr Gly Asn Lys Ile Leu Val Lys Gln Ser Pro Met Leu Val Ala Tyr
100 20 25 30
101 Asp Asn Ala Val Asn Leu Ser Cys Lys Tyr Ser Tyr Asn Leu Phe Ser
102 35 40 45
103 Arg Glu Phe Arg Ala Ser Leu His Lys Gly Leu Asp Ser Ala Val Glu

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104      50      55      60
105 Val Cys Val Val Tyr Gly Asn Tyr Ser Gln Gln Leu Gln Val Tyr Ser
106 65      70      75      80
107 Lys Thr Gly Phe Asn Cys Asp Gly Lys Leu Gly Asn Glu Ser Val Thr
108      85      90      95
109 Phe Tyr Leu Gln Asn Leu Tyr Val Asn Gln Thr Asp Ile Tyr Phe Cys
110      100      105      110
111 Lys Ile Glu Val Met Tyr Pro Pro Tyr Leu Asp Asn Glu Lys Ser
112      115      120      125
113 Asn Gly Thr Ile Ile His Val Lys Gly Lys His Leu Cys Pro Ser Pro
114      130      135      140
115 Leu Phe Pro Gly Pro Ser Lys Pro Phe Trp Val Leu Val Val Val Gly
116 145      150      155      160
117 Gly Val Leu Ala Cys Tyr Ser Leu Leu Val Thr Val Ala Phe Ile Ile
118      165      170      175
119 Phe Trp Val Arg Ser Lys Arg Ser Arg Leu Leu His Ser Asp Tyr Met
120      180      185      190
121 Asn Met Thr Pro Arg Arg Pro Gly Pro Thr Arg Lys His Tyr Gln Pro
122      195      200      205
123 Tyr Ala Pro Pro Arg Asp Phe Ala Tyr Arg Ser
124      210      215

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/076,934

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date